

Site Name: A-Tower

Site Number:	1001	TEOM Insta	lled?:	No			
County:	Inyo	Monitor Typ	oe:				
FIPS Code:	06-027	Met Installe	d?: `	Yes			
AIRS Number:		Site Operate	or:	Steve Mobley		UTM X:	416353
Current:	Yes	Collecting A	gency:	GBUAPCD		UTM Y:	4041390
Location:		North-centra	al Owens	Lake			
Address:		Owens Lake	, CA				
Distance to Road: 2.2 km north to Hwy		136.					
Traffic Count:		TBD					
Groundcover:		Course sand	S				
Representative	Area:	North-centra	al Owens	Lake			
Pollutant:		N/A					
Monitor Objec	tive:	Local meteo	rology				
Spatial Scale:		Neighborhoo	od Scale		Start Date:	8/8/1990	
Sampling Meth	nod:	N/A			Operation Schedule:	5 minute	
Analysis Metho	od:	N/A			Sampling Season:	Year-round	
Probe Height:				10 meters			
Distance to Sup	porting St	ructure:		N/A			
Distance from (Obstructio	ns on Roof:		N/A			
Distance from (Obstructio	ns Not on Roo	of:	N/A			
Distance From	Trees:			N/A			
Distance to Fur	nace or In	cinerator:		N/A			
Distance Betwe	en Colloca	ated Monitors	: :	N/A			
Unrestricted Ai	rflow:			360			
Probe Material	:			N/A			
Residence Time	e:			N/A			
Will there be a	change in	18 months?:		No			
Suitable compa	rison agai	nst annual PN	12.5?:	N/A			
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A			
Frequency of fl automated PM				N/A			
Frequency of o	ne-point C	QC check (gase	eous):	N/A			
Meteo	orological	Variables:		able: Temperature able: Barometric Pressure	✓ Variable: Wind Speed ✓ Variable: Wind Direct		

✓ Variable: Precipitation

✓ Variable: Relative Humidity



Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

A-Tower Site Name: Site Photo: North-East-facing photo: facing photo: South-Westfacing facing photo: photo:



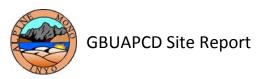
TEOM Installed?:

No

Site Name: **B-Tower**

Site Number: 1018

County:	Inyo	Monitor Ty	oe:					
FIPS Code:	06-027	Met Installe	ed?:	Yes				
AIRS Number:		Site Operat	or:	Steve Mobley		UTM X:	418496	
Current:	Yes	Collecting A	gency:	GBUAPCD		UTM Y:	4029494	
Location:		Southeast O	wens Lal	«e				
Address:		Owens Lake	, CA					
Distance to Ro	ad:	3 km SE to H	lwy 190					
Traffic Count:		TBD						
Groundcover: Course sands			S					
Representative Area: South-eastern Owen:			rn Owen	s Lake				
Pollutant: N/A								
Monitor Object	tive:	Local Meteo	rology					
Spatial Scale:		Neigborhoo	d Scale		Start Date:	1/5/1995		
Sampling Meth	nod:	N/A			Operation Schedule:	5 minute		
Analysis Metho	od:	N/A			Sampling Season:	Year-round		
Probe Height:				10 meters				
Distance to Sup	oporting S	tructure:		N/A				
Distance from	Obstructio	ons on Roof:		N/A				
Distance from	Obstructio	ons Not on Ro	of:	N/A				
Distance From	Trees:			N/A				
Distance to Fur	rnace or Ir	ncinerator:		N/A				
Distance Betwe	een Colloc	ated Monitors	5:	N/A				
Unrestricted A	irflow:			360				
Probe Material	l:			N/A				
Residence Time	e:			N/A				
Will there be a	change in	18 months?:		No				
Suitable compa	arison aga	inst annual PN	/ 12.5?:	N/A				
Frequency of fl PM sampler au		erification for	manual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:		N/A						
Frequency of o	ne-point (QC check (gase	eous):	N/A				
□ Vari			☐ Vari	able: Temperature able: Barometric Pressure	✓ Variable: Wind Spee ✓ Variable: Wind Dire	ction		
			💌 Vari	able: Precipitation	✓ Variable: Relative H	umidity		



Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

B-Tower Site Name: Site Photo: North-East-facing photo: facing photo: South-Westfacing facing photo: photo:



696

Site Number:

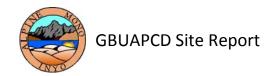
Site Name: Coso Junction TEOM

TEOM Installed?:

County:	Inyo	Monitor Type:	TEOM 1400ab, EQPM-1090-07	79				
FIPS Code:	06-027	Met Installed?:	Yes					
AIRS Number:	1001	Site Operator:	Dan Johnson		UTM X:	414978		
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	3989840		
Location:		Hwy 395 at Gill Stati	ion - Coso Road					
Address:		3 Gill Station Rd, Ola	ancha, CA 93549					
Distance to Ro	ad:	0.2 km to Gill Station	n Road					
Traffic Count:		TBD						
Groundcover: Dirt, gravel, brush								
Representative	e Area:	Regional						
Pollutant:		PM-10						
Monitor Objec	tive:	Population Oriented	l, Pollutant Transport					
Spatial Scale:		Neighborhood Scale		Start Date:	5/10/2006			
Sampling Meth	nod:	PM-10 Impactor		Operation Schedule:	1:1			
Analysis Metho	od:	Gravimetry		Sampling Season:	Year-round			
Probe Height:			4.5 meters					
Distance to Sup	porting S	tructure:	N/A					
Distance from (Obstructio	ons on Roof:	None					
Distance from (Obstructio	ons Not on Roof:	20 meters to tower					
Distance From	Trees:		0.5 km					
Distance to Fur	nace or Ir	ncinerator:	None					
Distance Betwe	een Colloc	ated Monitors:	N/A					
Unrestricted Ai	rflow:		360					
Probe Material	:		N/A					
Residence Time	e:		N/A					
Will there be a	change in	18 months?:	N/A					
Suitable compa	arison aga	inst annual PM2.5?:	N/A					
Frequency of fl PM sampler au		erification for manual	N/A					
Frequency of fl automated PM			Bi-weekly by Station Operat	or; EPA 6/16/2009, 3/23/2	:010			
Frequency of o	ne-point (QC check (gaseous):	N/A					
Meteo	orologica		riable: Temperature	✓ Variable: Wind Spee ✓ Variable: Wind Direct				

✓ Variable: Precipitation

✓ Variable: Relative Humidity



Coso Junction TEOM

Site Photo:



East-facing

photo:

Northfacing photo:





Westfacing photo:

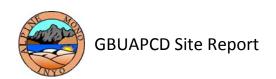






Site Name: Cottonwood

Site Number:	7491	TEOM Instal	led?: N	lo				
County:	Inyo	Monitor Typ	e:					
FIPS Code:	06-027	Met Installe	d?: Y	'es				
AIRS Number:		Site Operato	or: S	cott Weaver		UTM X:	411799	
Current:	Yes	Collecting A	gency: G	GBUAPCD		UTM Y:	4028440	
Location:		South-centra	l Owens	Lake				
Address:		Owens Lake,	CA					
Distance to Road: 3 km to Hwy 395 (we		395 (wes	t)					
Traffic Count: TBD								
Groundcover: Course sand								
Representative	Area:	Central Owe	ns Lake					
Pollutant:		N/A						
Monitor Object	ive:	Local Meteo	rology					
Spatial Scale:		Neighborhoo	d Scale		Start Date:	5/17/2001		
Sampling Meth	od:	N/A			Operation Schedule:	5 minute		
Analysis Metho	d:	N/A			Sampling Season:	Year-round		
Probe Height:				10 meters				
Distance to Sup	porting Str	ructure:		N/A				
Distance from C	Obstruction	ns on Roof:		N/A				
Distance from C	Obstruction	ns Not on Roc	of:	N/A				
Distance From 1	Γrees:			None				
Distance to Furi	nace or Inc	inerator:		None				
Distance Betwe	en Colloca	ted Monitors	:	N/A				
Unrestricted Air	flow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in 3	18 months?:		No				
Suitable compa	rison agair	nst annual PM	12.5?:	N/AN/A				
Frequency of flo PM sampler aud		rification for I	manual	N/A				
Frequency of flo automated PM				N/A				
Frequency of or	ne-point Q	C check (gase	ous):	N/A				
Meteo	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Directi ☐ Variable: Relative Hun			



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Site Name:	Cottonwood	
Site Photo:		
North- facing photo:		East-facing photo:
West-facing photo:		South-facing photo:



Site Name: **Dirty Socks TEOM**

TEOM Installed?:

Monitor Type:

Met Installed?:

Yes

Yes

TEOM 1400ab, EQPM-1090-079

1010

Inyo

06-027

Site Number:

County:

FIPS Code:

AIRS Number:	0022	Site Operato	or: St	teve Mobley		UTM X:	414272	
Current:	Yes	Collecting A	gency: G	BUAPCD		UTM Y:	4020550	
Location:		South shore,	Owens La	ake				
Address:		DIRTY SOX H	OT SPRING	G - HWY 190, Owens Lake, CA	4			
Distance to Roa	ad:	402 meters t	o Hwy 19	0				
Traffic Count:		TBD						
Groundcover:		Gravel, sand	, water, sr	mall shrubs				
Representative	Area:	South shore,	outh shore, Owens Lake					
Pollutant:		PM10						
Monitor Object	ive:	Source Impa	ct					
Spatial Scale:		Neighborhoo	od Scale		Start Date:	6/23/1999		
Sampling Meth	od:	PM-10 Impa	ctor		Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				4.2 meters				
Distance to Supporting Structure:				N/A				
Distance from Obstructions on Roof:				N/A				
Distance from Obstructions Not on Roof:			of:	10.0 (Met) - 14.6 meters (po	werline)			
Distance From 7	Γrees:			N/A				
Distance to Furi	nace or Inc	cinerator:		N/A				
Distance Betwe	en Colloca	ted Monitors	:	N/A				
Unrestricted Air	rflow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in :	18 months?:		N/A				
Suitable compa	rison agair	nst annual PM	12.5?:	N/A				
Frequency of flo PM sampler aud		rification for	manual	N/A				
Frequency of flo automated PM				Bi-weekly by Station Operate	or; EPA 6/17/2009, 3/23/20)10		
Frequency of or	ne-point Q	C check (gase	ous):	N/A				
☐ Varia		ble: Temperature ble: Barometric Pressure ble: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direc ☐ Variable: Relative Hu	tion				

Dirty Socks TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:



Southfacing photo:





Site Name: Flat Rock TEOM

TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

1011

Inyo

Site Number:

County:

FIPS Code:	06-027	Met Installed	d?: Y	'es				
AIRS Number:	0024	Site Operato	r: S	teve Mobley		UTM X:	424989	
Current:	Yes	Collecting Ag	gency: G	BUAPCD		UTM Y:	4030860	
Location:		Eastern shore	e, Owens	Lake				
Address:		FLAT ROCK - I	HIGHWA	Y 190 - 1 MILE W OF HWY 136	JUNCTION, Owens Lake, C	CA		
Distance to Roa	ad:	54.8 meters t	o Hwy 19	90				
Traffic Count:		TBD						
Groundcover:		Sand, rocks, s	shrubs					
Representative	Area:	East shore, O	st shore, Owens Lake					
Pollutant:		PM-10						
Monitor Object	ive:	Source Impac	ource Impact					
Spatial Scale:		Neighborhoo	d Scale		Start Date:	12/14/2000		
Sampling Meth	od:	PM-10 Impac	tor		Operation Schedule:	hourly		
Analysis Metho	d:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				4.2 meters				
Distance to Sup	porting St	ructure:		0				
Distance from C	Obstruction	ns on Roof:		0				
Distance from C	Obstruction	ns Not on Roo	f:	2.4 m (MET); 3.8 meters (pow	verline)			
Distance From 1	Γrees:			No trees				
Distance to Furi	nace or Inc	cinerator:		0				
Distance Betwe	en Colloca	ited Monitors:		0				
Unrestricted Air	rflow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in	18 months?:		No				
Suitable compa	rison agair	nst annual PM	2.5?:	No				
Frequency of flo PM sampler aud		rification for n	nanual	N/A				
Frequency of flo automated PM				Bi-weekly by Station Operator; EPA 6/17/2009, 3/23/2010				
Frequency of or	ne-point Q	C check (gase	ous):	N/A				
Meteo	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direct ☐ Variable: Relative Hu	tion		

Flat Rock TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







TEOM Installed?:

Monitor Type:

No

TEOM 1400ab, EQPM-1090-079

Site Name: Keeler MET

697

Inyo

Site Number:

County:

FIPS Code:	06-027	Met Installe	d?:	Yes			
AIRS Number:	1002	Site Operato	or:	Scott Weaver		UTM X:	421739
Current:	Yes	Collecting A	gency:	GBUAPCD		UTM Y:	4038590
Location:		Northeast of	Keeler,	CA			
Address:		Keeler, CA					
Distance to Road: 75 meters							
Traffic Count:		3/day					
Groundcover:		sand/brush					
Representative	Area:	Community of	of Keeler				
Pollutant:		N/A					
Monitor Object	tive:	Local Meteor	rology				
Spatial Scale:		Neighborhoo	d Scale		Start Date:	3/14/1985	
Sampling Meth	od:	N/A			Operation Schedule:	5 minute	
Analysis Metho	od:	N/A			Sampling Season:	Year-round	
Probe Height:				10 meters			
Distance to Sup	porting St	ructure:		N/A			
Distance from (Obstructio	ns on Roof:		N/A			
Distance from (Obstructio	ns Not on Roo	of:	20 meters to trees			
Distance From	Trees:			20 meters			
Distance to Fur	nace or In	cinerator:		N/A			
Distance Betwe	en Colloca	ated Monitors	:	N/A			
Unrestricted Ai	rflow:			N/A			
Probe Material	:			N/A			
Residence Time	e:			N/A			
Will there be a	change in	18 months?:		No			
Suitable compa	ırison agai	nst annual PM	12.5?:	N/A			
Frequency of floor		erification for r	manual	N/A			
Frequency of flow rate verification for automated PM analyzers audit:			N/A				
Frequency of o	ne-point C	C check (gase	ous):	N/A			
□ Vari			☐ Vari	able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Spee ✓ Variable: Wind Directory Variable: Relative Human	ction	

Keeler MET

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







Keeler#1 PM2.5 FDMS

Site Number:	728	TEOM Installed?:	Yes				
County:	Inyo	Monitor Type:	TEOM 1400ab w/8500cPM2.5,	EQPM-0609-181; Partisol,	, 2025 PM2.5 VSC	C EQPM-0202-145	
FIPS Code:	06-027	Met Installed?:	No				
AIRS Number:	1003	Site Operator:	Scott Weaver		UTM X:	421982	
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	4038410	
Location:		Located on top of me	etal storage unit and monitorin	ig shelter.			
Address:		190 CERRO GORDO F	ROAD, KEELER, CA				
Distance to Ro	ad:	20 meters					
Traffic Count:		TBD					
Groundcover: Pavement							
Representative	e Area:	Community of Keeler	r				
Pollutant:		PM-2.5					
Monitor Object	tive:	Population Oriented					
Spatial Scale:		Neighborhood		Start Date:	9/10/2009 9:00	:00 PM	
Sampling Meth	nod:	PM-10 Impactor and	VSCC	Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry		Sampling Season:	Year-round		
Probe Height:			4 meters				
Distance to Sup	porting St	ructure:					
Distance from (Obstruction	ns on Roof:	None				
Distance from (Obstruction	ns Not on Roof:	10 meters to antennae				
Distance From	Trees:		75 meters				
Distance to Fur	nace or Inc	cinerator:	N/A				
Distance Betwe	en Colloca	ted Monitors:	1.7 meters to 2.5 pri partisol				
Unrestricted Ai	rflow:		360				
Probe Material	:		N/A				
Residence Time	e:		N/A				
Will there be a	change in	18 months?:	No				
Suitable compa	rison agair	nst annual PM2.5?:	Yes				
Frequency of fl PM sampler au		rification for manual	Monthly Partisol 6/16/2009, 3/23/2010				
Frequency of fl automated PM			Bi-weekly by Station Operator; EPA 6/16/2009, 3/23/2010				
Frequency of o	ne-point Q	C check (gaseous):	N/A				
Meteo	orological	☐ Vari	able: Temperature able: Barometric Pressure able: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direc☐ Variable: Relative Hu	tion		

Keeler#1 PM2.5 FDMS

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:





TEOM 1400ab, EQPM-1090-079, Partisol 2025 PM10, RFPS-1298-127

Site Name: Keeler#2 PM10 1° TEOM

TEOM Installed?:

Monitor Type:

Site Number: 728

Inyo

County:

FIPS Code:	06-027	Met Installe	d?: N	No				
AIRS Number:	1003	Site Operato	or: S	Scott Weaver		UTM X:	421982	
Current:	Yes	Collecting A	gency: G	GBUAPCD		UTM Y:	4038410	
Location:		Located on t	op of me	tal storage unit and monitorin	g shelter.			
Address:		190 CERRO (GORDO RO	OAD, KEELER, CA				
Distance to Roa	ad:	19 meters						
Traffic Count:		TBD						
Groundcover:		Pavement						
Representative	Area:	Community	of Keeler					
Pollutant:		PM-10						
Monitor Object	tive:	Population (Driented					
Spatial Scale:		Neighborhoo	od		Start Date:	3/11/1993 3:00:	:00 PM	
Sampling Meth	od:	PM-10 Impactor			Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				4 meters				
Distance to Sup	porting St	ructure:		None				
Distance from C	Obstruction	ns on Roof:		None				
Distance from C	Obstruction	ns Not on Roo	of:	9 meters to antennae				
Distance From	Trees:			75 meters				
Distance to Fur	nace or Inc	cinerator:		N/A				
Distance Betwe	en Colloca	ited Monitors	:	1.7 meters to colocated TEOM (#3); 1.17 m to 10pri Partisol				
Unrestricted Air	rflow:			360				
Probe Material:	:			N/A				
Residence Time	::			N/A				
Will there be a	change in	18 months?:		No				
Suitable compa	rison agair	nst annual PM	12.5?:	No				
Frequency of flo PM sampler aud		rification for	manual	Monthly Partisol 6/16/2009,	3/23/2010			
Frequency of flo automated PM				Bi-weekly by Station Operator; EPA 6/16/2009, 3/23/2010				
Frequency of or	ne-point Q	C check (gase	eous):	N/A				
Meteorological Variables:				able: Temperature able: Barometric Pressure able: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hur	ion		

Keeler#2 PM10 1° TEOM

Site Photo:



Northfacing photo:



Westfacing photo:



East-facing photo:







Site Number: 728

Site Name: Keeler#3 PM10 2° TEOM

TEOM Installed?:

County:	Inyo	Monitor Type:	TEOM 1400ab, EQPM-1090-07	TEOM 1400ab, EQPM-1090-079, Partisol 2025 PM10, RFPS-1298-127				
FIPS Code:	06-027	Met Installed?:	No					
AIRS Number:	1003	Site Operator:	Scott Weaver		UTM X:	421982		
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	4038410		
Location:		Located on top of m	etal storage unit and monitoring	ng shelter.				
Address:		190 CERRO GORDO I	ROAD, KEELER, CA					
Distance to Roa	ad:	18 meters						
Traffic Count:		TBD						
Groundcover:		pavement						
Representative	Area:	Community of Keele	r					
Pollutant:		PM-10						
Monitor Object	tive:	Population Oriented						
Spatial Scale:		Neighborhood		Start Date:	6/15/2009			
Sampling Meth	od:	PM-10 Impactor		Operation Schedule:	hourly			
Analysis Metho	od:	Gravimetry		Sampling Season:	Year-round			
Probe Height:			4 meters					
Distance to Sup	porting St	tructure:	None					
Distance from (Obstructio	ns on Roof:	None					
Distance from (Obstructio	ns Not on Roof:	10 meters to antennae					
Distance From ¹	Trees:		75 meters					
Distance to Fur	nace or In	cinerator:	N/A					
Distance Betwe	en Colloc	ated Monitors:	1.14 m to primary TEOM (#2); 1.14 m to 10pri Partisol					
Unrestricted Ai	rflow:		360					
Probe Material	:		N/A					
Residence Time	2:		N/A					
Will there be a	change in	18 months?:	No					
Suitable compa	rison agai	nst annual PM2.5?:	yes					
Frequency of floor		erification for manual	Monthly Partisol 6/16/2009	3/23/2010				
Frequency of floautomated PM			Bi-weekly by Station Operator; EPA 6/16/2009, 3/23/2010					
Frequency of o	ne-point C	QC check (gaseous):	N/A					
Meteo	orologica	☐ Var	iable: Temperature iable: Barometric Pressure iable: Precipitation	☐ Variable: Wind Spee☐ Variable: Wind Direc☐ Variable: Relative H	ction			

Keeler#3 PM10 2° TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:





TEOM Installed?:

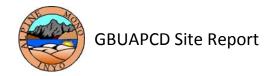
No

Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name: Lee Vining

Site Number: 779

County:	Mono	Monitor Typ	e: P	artisol 2025 PM10, RFPS-1298	-127				
FIPS Code:	06-051	Met Installe	d?: N	lo					
AIRS Number:	0005	Site Operato	or: G	Guy Davis		UTM X:	314232		
Current:	No	Collecting Ag	gency: G	BUAPCD		UTM Y:	4202840		
Location:		Community of	of Lee Vin	ing, CA					
Address:		HWY 395, LE	E VINING						
Distance to Ro	ad:	84 m to Hwy	395; 179	m to Matty Ave.					
Traffic Count: TBD									
Groundcover:		Lawn (north)	; Gravel (south)					
Representative	Area:	Lee Vining, C	e Vining, CA						
Pollutant:		PM-10							
Monitor Object	tive:	Population O	riented						
Spatial Scale:		Neighborhood Scale			Start Date:	1/1/1981			
Sampling Meth	nod:	PM-10 Impac	tor		Operation Schedule:	1:3			
Analysis Metho	alysis Method: Gravimetry				Sampling Season:	Year-round			
Probe Height:				3 meters AGL					
Distance to Sup	porting St	ructure:		N/A					
Distance from (Obstruction	ns on Roof:		N/A					
Distance from (Obstruction	ns Not on Roo	f:	N/A					
Distance From	Trees:			19.8 m					
Distance to Fur	nace or Inc	cinerator:		N/A					
Distance Betwe	en Colloca	ted Monitors:		N/A					
Unrestricted Ai	rflow:			360					
Probe Material	:			N/A					
Residence Time	e:			N/A					
Will there be a	change in	18 months?:		Yes					
Suitable compa	ırison agair	nst annual PM	2.5?:	No					
Frequency of fl PM sampler au		rification for r	nanual	Monthly by Station Operator; EPA 10/8/2009, 3/25/2010					
Frequency of flow rate verification for automated PM analyzers audit:				N/A					
Frequency of one-point QC check (gaseous):			ous):	N/A					
Meteo	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hur	ion			



Site Name: Lee Vining

Site Photo:



Northfacing photo:



Westfacing photo:



East-facing photo:







Site Name: Lizard Tail TEOM

TEOM Installed?:

Monitor Type:

Met Installed?:

Yes

Yes

TEOM 1400ab, EQPM-1090-079

1016

Inyo

06-027

Site Number:

County:

FIPS Code:

AIRS Number: 002	28 Si	ite Operator:	Scott Weaver		UTM X:	415701				
Current: Yes	C	ollecting Agency:	GBUAPCD		UTM Y:	4044610				
Location:	Ov	wens Lake NE Sho	reline							
Address:	Liz	Lizard Tail - NE Shoreline Owens Lake, CA								
Distance to Road:	27	'5 meters								
Traffic Count:	TE	BD								
Groundcover:	Sa	and and shrubs								
Representative Are	ea: 4 l	4 km area								
Pollutant:	PN	M-10								
Monitor Objective:	So	ource Impact								
Spatial Scale:	Ne	eighborhood Scale		Start Date:	1/16/2008					
Sampling Method:	PN	И-10 Impactor		Operation Schedule:	hourly					
Analysis Method:	Gr	avimetry		Sampling Season:	Year-round					
Probe Height:			2 meters above roof; 4.6 me	ters AGL.						
Distance to Support	ting Struc	ture:	N/A							
Distance from Obsti	ructions	on Roof:	None							
Distance from Obsti	ructions I	Not on Roof:	Met tower: 4.6 meters; power pole 9.1 meters							
Distance From Trees:			N/A; no trees	N/A; no trees						
Distance to Furnace	e or Incine	erator:	N/A							
Distance Between C	Collocated	d Monitors:	N/A	N/A						
Unrestricted Airflow	v:		360							
Probe Material:			N/A							
Residence Time:			N/A							
Will there be a char	nge in 18	months?:	N/A							
Suitable comparisor	n against	annual PM2.5?:	No							
Frequency of flow ra PM sampler audit:	ate verifi	cation for manual	N/A							
Frequency of flow rate verification for automated PM analyzers audit:			Bi-weekly by Station Operato	or; EPA 6/16/2009, 3/23/2	:010					
Frequency of one-p	oint QC c	check (gaseous):	N/A							
Meteorolo	ogical Va	☐ Vai	riable: Temperature riable: Barometric Pressure riable: Precipitation	✓ Variable: Wind Spee ✓ Variable: Wind Direct ☐ Variable: Relative Ho	ction					

Lizard Tail TEOM

Site Photo:



Northfacing photo:



Westfacing photo:



East-facing photo:







Site Name: Lone Pine FDMS

TEOM Installed?:

Monitor Type:

Yes

699

Inyo

Site Number:

County:

FIPS Code:	06-027	Met Installed?:	No					
AIRS Number:	0004	Site Operator:	Scott Weaver		UTM X:	405400		
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	4052020		
Location:		Southern Inyo Hospit	al					
Address:		501 East Locust Rd, L	one Pine, CA					
Distance to Roa	ad:	65 meters						
Traffic Count:		TBD						
Groundcover:		rooftop, asphalt roof	ing					
Representative	Area:	Community of Lone F	Pine					
Pollutant:		PM-10						
Monitor Object	ive:	Population Oriented						
Spatial Scale:		Neighborhood Scale		Start Date:	4/17/2008			
Sampling Meth	od:	PM-10 Impactor		Operation Schedule:	hourly			
Analysis Metho	od:	Gravimetry		Sampling Season:	Year-round			
Probe Height:			2.6 meters above roof; 6.5 m	AGL				
Distance to Sup	porting St	ructure:	N/A					
Distance from C	Obstruction	ns on Roof:	30 meters					
Distance from C	Obstruction	ns Not on Roof:	29 meters					
Distance From	Γrees:		29 meters					
Distance to Fur	nace or Inc	cinerator:	65 meters					
Distance Betwe	en Colloca	ted Monitors:	N/A					
Unrestricted Air	rflow:		360					
Probe Material:			N/A					
Residence Time	:		N/A					
Will there be a	change in	18 months?:	No					
Suitable compa	rison agair	nst annual PM2.5?:	No					
Frequency of flow rate verification for manual PM sampler audit:			N/A					
Frequency of flow rate verification for automated PM analyzers audit:		Bi-weekly by Station Operato	or; EPA 6/16/2009, 3/23/20	10				
Frequency of one-point QC check (gaseous):		N/A						
Metec	orological	Uari	able: Temperature able: Barometric Pressure able: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hu	ion			

PM10 TEOM 1400 ab/8500c FDMS - not a reference monitor

Lone Pine FDMS

Site Photo:



Northfacing photo:



Westfacing photo:



East-facing photo:







Site Name: Lone Pine MET

Site Number:	711	TEOM Insta	lled?: 1	No						
County:	Inyo	Monitor Typ	oe:							
FIPS Code:	06-027	Met Installe	ed?: ۱	es es						
AIRS Number:	0019	Site Operate	or: S	Scott Weaver		UTM X:	406300			
Current:	Yes	Collecting A	gency: (GBUAPCD		UTM Y:	4051850			
Location:		Lone Pine W	astewate	r Treatment Plant						
Address:		OUT AT THE	SEWER P	ONDS ONE MILE E OF LOCUST	ST					
Distance to Roa	ad:	30 meters	meters							
Traffic Count:		1 per week								
Groundcover:		dirt and gras	SS							
Representative	Area:	rural area ea	ast of Lon	e Pine						
Pollutant:		N/A								
Monitor Object	tive:	Local Meteo	rology							
Spatial Scale:		Neighborhoo	od Scale		Start Date:	5/14/1986				
Sampling Meth	od:	N/A			Operation Schedule:	5 minutes				
Analysis Metho	od:	N/A			Sampling Season:	Year-round				
Probe Height:				10 meters						
Distance to Sup	porting St	ructure:		N/A						
Distance from 0	Obstructio	ns on Roof:		N/A						
Distance from 0	Obstructio	ns Not on Roo	of:	40 meters to phone pole						
Distance From	Trees:			100 meters						
Distance to Fur	nace or Inc	cinerator:		N/A						
Distance Betwe	en Colloca	ated Monitors	S:	N/A						
Unrestricted Air	rflow:			360						
Probe Material	:			N/A						
Residence Time	2:			N/A						
Will there be a	change in	18 months?:		No						
Suitable compa	rison agaiı	nst annual PN	12.5?:	N/A						
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A						
Frequency of flow rate verification for automated PM analyzers audit:				N/A						
Frequency of one-point QC check (gaseous):		eous):	N/A							
☐ Vari			☐ Varia	able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direct ☐ Variable: Relative Hu	tion				

Lone Pine MET

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







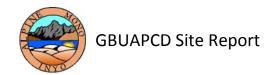
Site Name: Mammoth FDMS

TEOM Installed?:

Yes

Site Number: 785

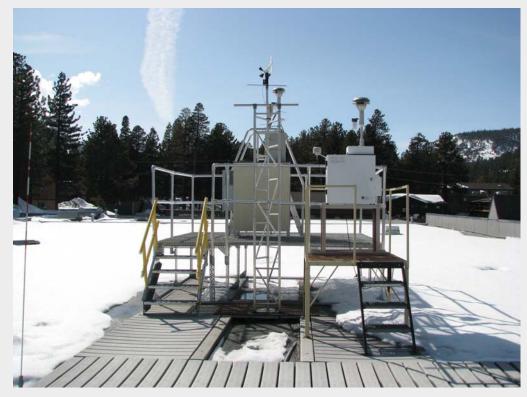
County:	Mono	Monitor Typ	e: P	M10 TEOM 1400ab/8500c FD	DMS			
FIPS Code:	06-051	Met Installe	d?: Y	es				
AIRS Number:	0001	Site Operato	or: G	auy Davis		UTM X:	325914	
Current:	Yes	Collecting Ag	gency: G	BUAPCD		UTM Y:	4168600	
Location:		Town of Mar	nmoth La	kes, CA				
Address:		Gateway Hor	ne Cente	r, Mammoth Lakes, CA				
Distance to Road: 30.5 meters								
Traffic Count: TBD								
Groundcover:		Urban; aspha	alt compo	site roof and pavement				
Representative	Area:	Town of Mar	nmoth La	kes				
Pollutant:		PM10						
Monitor Object	ive:	Population O	riented					
Spatial Scale:		Neighborhoo	d Scale		Start Date:	1/1/2006		
Sampling Meth	od:	PM-10 Impac	tor		Operation Schedule:	hourly		
Analysis Metho	sis Method: Gravimetry				Sampling Season:	Year-round		
Probe Height:				FDMS: 4 meters above roof;	Partisol: 3 meters above re	oof; (roof at ~10m)	
Distance to Sup	porting St	ructure:		N/A				
Distance from C	Obstruction	ns on Roof:		N/A				
Distance from C	Obstruction	ns Not on Roo	f:	30.5 meters (at 55 degrees and 180 degrees)				
Distance From 1	Γrees:			40 meters				
Distance to Furi	nace or Ind	cinerator:		N/A				
Distance Betwe	en Colloca	ited Monitors	:	N/A				
Unrestricted Air	flow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in	18 months?:		N/A				
Suitable compa	rison agaiı	nst annual PM	2.5?:	N/A				
Frequency of flow rate verification for manual PM sampler audit:			manual	Monthly - partisol by Station Operator; EPA 10/8/2009, 3/25/2010				
Frequency of flow rate verification for automated PM analyzers audit:				Bi-weekly by Station Operator; EPA 10/14/2009, 3/25/2010				
Frequency of one-point QC check (gaseous):			ous):	N/A				
Metec	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direct ☐ Variable: Relative Hu	tion		



Site Name: Man

Mammoth FDMS

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







TEOM Installed?: No

Site Name: Mill

Site Number: 1013

County:	Inyo	Monitor Type:	TEOM 1400ab, EQPM-1090-0	79				
FIPS Code:	06-027	Met Installed?:	Yes					
AIRS Number:		Site Operator:	Dan Johnson		UTM X:	423666		
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	4035140		
Location:		2 miles south of Kee	ler					
Address:		East shore Owens La	ake, CA					
Distance to Ro	ad:	0.4 km to Hwy 190.						
Traffic Count:		TBD						
Groundcover:		Gravel						
Representative	e Area:	Regional						
Pollutant:		N/A						
Monitor Objec	tive:	Local Meteorology						
Spatial Scale:		Neighborhood Scale		Start Date:	11/14/2001			
Sampling Meth	nod:	N/A		Operation Schedule:	5 minute			
Analysis Metho	od:	N/A		Sampling Season:	Year-round			
Probe Height:			10 meters					
Distance to Sup	oporting S	tructure:	N/A					
Distance from (Obstructio	ons on Roof:	N/A					
Distance from (Obstructio	ons Not on Roof:	None					
Distance From	Trees:		None					
Distance to Fur	nace or In	cinerator:	None					
Distance Betwe	een Colloc	ated Monitors:	N/A					
Unrestricted Ai	irflow:		360					
Probe Material	l:		N/A					
Residence Time	e:		N/A					
Will there be a	change in	18 months?:	No					
Suitable compa	arison agai	inst annual PM2.5?:	N/A					
Frequency of flow rate verification for manual PM sampler audit:			N/A					
Frequency of fl automated PM			N/A					
Frequency of o	ne-point (QC check (gaseous):	N/A					
Meteo	orologica		iable: Temperature iable: Barometric Pressure	✓ Variable: Wind Spee ✓ Variable: Wind Direct				

✓ Variable: Precipitation

✓ Variable: Relative Humidity

Mill

Site Photo:



Northfacing photo:



photo:

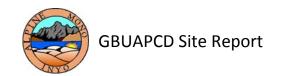
East-facing



Westfacing photo:







Site Name: Mono Shore TEOM

901

Mono

Site Number:

County:

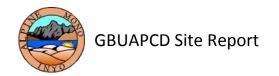
TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

FIPS Code:	06-051	Met Installe	d?: Y	'es			
AIRS Number:	0011	Site Operato	or: G	Guy Davis		UTM X:	329153
Current:	Yes	Collecting A	gency: G	GBUAPCD		UTM Y:	4215350
Location:		Northeast sh	ore of M	ono Lake			
Address:		Mono Lake,	CA				
Distance to Roa	ad:	4.4 km					
Traffic Count:		TBD					
Groundcover:		Course sand					
Representative	Area:	Beach area, I	Mono Lak	ke, CA			
Pollutant:		PM-10					
Monitor Object	ive:	Highest Cond	centration	n			
Spatial Scale:		Neighborhoo	d Scale		Start Date:	6/2/2008	
Sampling Meth	od:	PM-10 Impac	ctor		Operation Schedule:	hourly	
Analysis Metho	d:	Gravimetry			Sampling Season:	Year-round	
Probe Height:				10.0 m (MET); 2.5m TEOM			
Distance to Sup	porting St	ructure:		N/A			
Distance from C	Obstruction	ns on Roof:		N/A			
Distance from C	Obstruction	ns Not on Roc	of:	N/A			
Distance From 7	Γrees:			50 meters to dune shrubs			
Distance to Furi	nace or Inc	cinerator:		N/A			
Distance Betwe	en Colloca	ted Monitors	:	N/A			
Unrestricted Air	rflow:			360			
Probe Material:				N/A			
Residence Time	:			N/A			
Will there be a	change in	18 months?:		No			
Suitable compa	rison agair	nst annual PM	12.5?:	No			
Frequency of flow rate verification for manual PM sampler audit:		manual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:		Bi-weekly by Station Operato	or; EPA 10/14/2009, 3/25/2	010			
Frequency of or	ne-point Q	C check (gase	ous):	N/A			
☐ Varia		able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direct ☐ Variable: Relative Hun	ion			



Site Name: Mono Shore TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







Site Name: North Beach TEOM

Inyo

TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

Site Number: 1017

County:

FIPS Code:	06-027	Met Installe	d?: Y	es es				
AIRS Number:	0029	Site Operato	or: S	Scott Weaver		UTM X:	411283	
Current:	Yes	Collecting A	gency: G	GBUAPCD		UTM Y:	4044610	
Location:		North shore,	Owens L	ake				
Address:		Owens Lake,	CA					
Distance to Roa	nd:	30 meters						
Traffic Count:		TBD						
Groundcover:		gravel						
Representative	Area:	North shore,	Owens L	ake				
Pollutant:		PM-10						
Monitor Object	ive:	Source Impa	ct					
Spatial Scale:		Neighborhoo	d Scale		Start Date:	11/20/2008		
Sampling Meth	od:	PM-10 Impac	ctor		Operation Schedule:	hourly		
Analysis Metho	d:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				2 meters above roof; 4.4 meters AGL				
Distance to Sup	porting Sti	ructure:		N/A				
Distance from C	Obstruction	ns on Roof:		None				
Distance from C	Obstruction	ns Not on Roc	of:	30 meters to power pole				
Distance From 1	Γrees:			No trees				
Distance to Furi	nace or Inc	cinerator:		N/A				
Distance Betwe	en Colloca	ted Monitors	:	N/A				
Unrestricted Air	flow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in :	18 months?:		N/A				
Suitable compa	rison agair	nst annual PM	12.5?:	No				
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:				Bi-weekly by Station Operato	r; EPA 6/16/2009, 3/23/20	10		
Frequency of or	ne-point Q	C check (gase	ous):	N/A				
☐ Varia		able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Directi ☐ Variable: Relative Hur					

North Beach TEOM

Site Photo:



Northfacing photo:



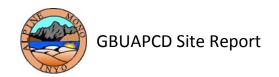
Westfacing photo:



East-facing photo:







Site Name: Olancha 3 TEOM

TEOM Installed?:

Yes

729

Site Number:

TEOM 1400ab, EQPM-1090-079 County: Inyo Monitor Type: FIPS Code: 06-027 Met Installed?: Yes AIRS Number: 0021 Site Operator: Dan Johnson UTM X: 410806 Collecting Agency: GBUAPCD Current: Yes UTM Y: 4014080 Location: Community of Olancha, CA Address: 131 WALKER CREEK RD., Olancha, CA 93549 Distance to Road: 0.5 KM to Hwy 395 **Traffic Count: TBD** Groundcover: Sand, gravel, brush Representative Area: Community of Olancha Pollutant: PM-10 Source Impact Monitor Objective: Neighborhood Scale 8/17/1995 Spatial Scale: Start Date: Sampling Method: Gravimetry Operation Schedule: hourly Analysis Method: PM10 Impactor Sampling Season: Year-round Probe Height: 4.5 meters N/A Distance to Supporting Structure: Distance from Obstructions on Roof: None Distance from Obstructions Not on Roof: 10 meters to tower **Distance From Trees:** 0.5 km Distance to Furnace or Incinerator: None Distance Between Collocated Monitors: N/A **Unrestricted Airflow:** 360 Probe Material: N/A N/A Residence Time: Will there be a change in 18 months?: No Suitable comparison against annual PM2.5?: No Frequency of flow rate verification for manual PM sampler audit: Frequency of flow rate verification for Bi-weekly by Station Operator; EPA 6/16/2009, 3/23/2010 automated PM analyzers audit: Frequency of one-point QC check (gaseous): N/A ✓ Variable: Wind Speed ✓ Variable: Temperature Meteorological Variables: ✓ Variable: Barometric Pressure Variable: Wind Direction

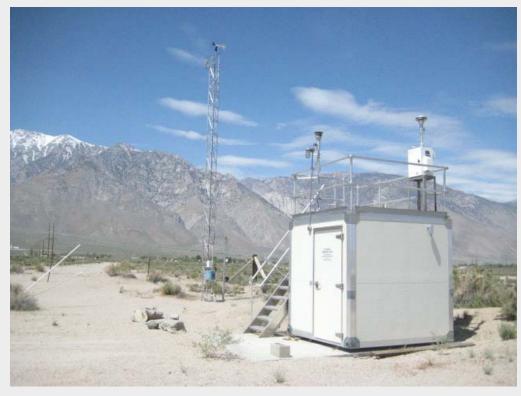
☐ Variable: Precipitation

✓ Variable: Relative Humidity

Site Name:

Olancha 3 TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:

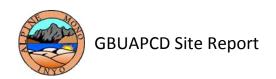






Site Name: Portable-1 TEOM

Site Number: TEOM Installed?:		led?: Y	'es					
County:	Inyo	Monitor Typ	e: T	EOM 1400ab, EQPM-1090-079)			
FIPS Code:	06-027	Met Installe	d?: N	lo				
AIRS Number:		Site Operato	or: V	alerie Thorp		UTM X:		
Current:	No	Collecting A	gency: G	GBUAPCD		UTM Y:		
Location:		Variable, sho	ort (3-day	periods) monitoring of source	areas on Owens Lake			
Address:		Owens Lake,	CA					
Distance to Ro	ad:	variable						
Traffic Count:		N/A						
Groundcover:		varies depen	ding on lo	ocation				
Representative	Area:	Owens Lake						
Pollutant:		PM-10						
Monitor Object	tive:	Highest conc	entration	ı				
Spatial Scale:		Neighborhoo	od scale		Start Date:	1/1/2009		
Sampling Meth	nod:	PM-10 Impac	ctor		Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				2.4 meters				
Distance to Sup	porting St	ructure:		N/A				
Distance from (Obstruction	ns on Roof:		None				
Distance from (Obstruction	ns Not on Roc	of:	None				
Distance From	Trees:			None				
Distance to Fur	nace or Inc	cinerator:		None				
Distance Betwe	en Colloca	ited Monitors	:	N/A				
Unrestricted Ai	rflow:			360				
Probe Material	:			N/A				
Residence Time	e:			N/A				
Will there be a	change in	18 months?:		Yes				
Suitable compa	ırison agaiı	nst annual PM	12.5?:	N/A				
Frequency of fl PM sampler au		rification for 1	manual	N/A				
Frequency of fl automated PM				Upon installation and remova	ıl			
Frequency of o	ne-point Q	C check (gase	ous):	N/A				
Meteo	orological	Variables:	Uaria	ble: Temperature ble: Barometric Pressure ble: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hur	ion		

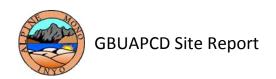


Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name:	Portable-1 TEOM	
Site Photo:		
North- facing photo:		East-facing photo:
West-facing photo:		South-facing photo:

Portable-2 TEOM Site Name:

Site Number: TEOM Installed?:		ed?:	Yes					
County:	Inyo	Monitor Typ	e: 1	ГЕОМ 1400ab, EQPM-1090-07	9			
FIPS Code:	06-027	Met Installed	<u>ነ</u> ?: ነ	Yes				
AIRS Number:		Site Operato	r: [Dan Johnson		UTM X:		
Current:	Yes	Collecting Ag	gency: (GBUAPCD		UTM Y:		
Location:		Variable, sho	rt (3-day	periods) monitoring of source	e areas on Owens Lake			
Address:		Owens Lake,	CA					
Distance to Roa	ad:	variable						
Traffic Count:		N/A						
Groundcover:		Sandy crusts						
Representative	Area:	Owens Lake						
Pollutant:		PM-10						
Monitor Object	ive:	Highest conc	entratio	n				
Spatial Scale:		Neighborhoo	d scale		Start Date:	3/23/2010		
Sampling Meth	od:	PM-10 Impac	tor		Operation Schedule:	hourly		
Analysis Metho	d:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				2.4 meters				
Distance to Sup	porting Str	ructure:		N/A				
Distance from C	Obstruction	ns on Roof:		None				
Distance from C	Obstruction	ns Not on Roo	f:	None				
Distance From 1	Γrees:			None				
Distance to Furi	nace or Inc	inerator:		None				
Distance Betwe	en Colloca	ted Monitors:		N/A				
Unrestricted Air	rflow:			360				
Probe Material:				N/A				
Residence Time	:			N/A				
Will there be a	change in 3	18 months?:		Yes				
Suitable compa	rison agair	nst annual PM	2.5?:	N/A				
Frequency of flow rate verification for manual PM sampler audit:			nanual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:		Upon installation and removal						
Frequency of or	ne-point Q	C check (gase	ous):	N/A				
Meteo	prological	Variables:	Uaria	able: Temperature able: Barometric Pressure able: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hur	ion		



Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name:	Portable-2 TEOM	
Site Photo:		
North- facing photo:		East-facing photo:
West-facing photo:		South-facing photo:



Site Name: Shell Cut TEOM

TEOM Installed?:

Yes

Site Number: 1012

County:	Inyo	Monitor Typ	e: 1	TEOM 1400ab, EQPM-1090-079	9			
FIPS Code:	06-027	Met Installe	d?: \	'es				
AIRS Number:	0025	Site Operato	or: S	Steve Mobley		UTM X:	419478	
Current:	Yes	Collecting A	gency: (GBUAPCD		UTM Y:	4024950	
Location:		South-east sh	nore, Ow	ens Lake				
Address:		SHELL CUT - I	HIGHWA	Y 190 - MIDWAY BETWEEN DIF	RTY SOX AND FLAT ROCK,	Owens Lake, CA		
Distance to Roa	ad:	164.5 meters	s to Hwy	190				
Traffic Count:		TBD						
Groundcover:		Dirt, sand, gr	avel, shr	ubs				
Representative	Area:	South-east sl	hore Owe	ens Lake				
Pollutant:		PM-10						
Monitor Object	tive:	Source Impa	ct					
Spatial Scale:		Neighborhoo	d Scale		Start Date:	1/8/2001 4:00:0	0 PM	
Sampling Meth	od:	PM-10 Impac	ctor		Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				4.2 meters				
Distance to Sup	porting Sti	ructure:		0				
Distance from (Obstruction	ns on Roof:		0				
Distance from (Obstruction	ns Not on Roo	of:	2.6 meters (Met); 4.2 (powerline)				
Distance From	Trees:			No trees				
Distance to Fur	nace or Inc	inerator:		0				
Distance Betwe	en Colloca	ted Monitors	:	0				
Unrestricted Ai	rflow:			360				
Probe Material	:			N/A				
Residence Time	::			N/A				
Will there be a	change in :	18 months?:		No				
Suitable compa	rison agair	nst annual PM	12.5?:	No				
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:			Bi-weekly by Station Operato	r; EPA 6/17/2009, 3/23/2	010			
Frequency of o	ne-point Q	C check (gase	ous):	N/A				
☐ Vari			☐ Varia	able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Spee ✓ Variable: Wind Direct ☐ Variable: Relative Hu	tion		

Site Name:

Shell Cut TEOM

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







Site Name: Simis

Site Number:	/82	TEOM Insta	lled ?:	No				
County:	Mono	Monitor Typ	oe:					
FIPS Code:	06-051	Met Installe	d?: \	es/es				
AIRS Number:	0007	Site Operate	or: (Guy Davis		UTM X:	324798	
Current:	Yes	Collecting A	gency: (GBUAPCD		UTM Y:	4217850	
Location:		1.8 km north	of Mond	o Lake				
Address:		SIMIS RES-H	IWY 167,	MONO LAKE, CA				
Distance to Ro	ad:	475 meters t	o CA 167	,				
Traffic Count:		TBD						
Groundcover:		Sagebrush/R	abbitbru	sh Scrub				
Representative	e Area:	High Desert						
Pollutant:		N/A						
Monitor Objec	tive:	PM10 Monit	oring end	ded Auguest 2008. Station us	ed for MET only.			
Spatial Scale:		Neighborhoo	od		Start Date:	5/21/1982		
Sampling Meth	nod:	N/A			Operation Schedule:	hourly		
Analysis Metho	od:	N/A			Sampling Season:	Year-round		
Probe Height:				10 meters AGL				
Distance to Sup	porting St	ructure:		N/A				
Distance from (Obstructio	ns on Roof:		N/A				
Distance from (Obstructio	ns Not on Roo	of:	N/A				
Distance From	Trees:			38 meters				
Distance to Fur	nace or In	cinerator:		N/A				
Distance Betwe	een Colloca	ated Monitors	:	N/A				
Unrestricted Ai	rflow:			360				
Probe Material	:			N/A				
Residence Time	e:			N/A				
Will there be a	change in	18 months?:		No				
Suitable compa	arison agai	nst annual PM	12.5?:	N/A				
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A				
Frequency of flow rate verification for automated PM analyzers audit:				N/A				
Frequency of one-point QC check (gaseous):			eous):	N/A				
Meteorological Variables: ✓ Varia			☐ Varia	able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Spee ✓ Variable: Wind Direct ☐ Variable: Relative Hu	ction		

Site Name:

Simis

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







Site Name: Stanley TEOM

TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

1014

Inyo

Site Number:

County:

FIPS Code:	06-027	Met Installe	d?: Y	'es					
AIRS Number:	0026	Site Operato	or: S	Scott Weaver		UTM X:	409315		
Current:	Yes	Collecting A	gency: C	GBUAPCD		UTM Y:	4024570		
Location:		Ash Point; W	est side (Owens Lake, CA					
Address:		BILL STANLE	SITE - O	WENS LAKE, CA					
Distance to Roa	ad:	85 meters							
Traffic Count:		TBD							
Groundcover:		sand and shr	ubs						
Representative	Area:	Southwester	n shoreli	ne of Owens Lake					
Pollutant:		PM-10							
Monitor Object	tive:	Source Impa	ct						
Spatial Scale:		Neighborhoo	d Scale		Start Date:	3/4/2002			
Sampling Meth	od:	PM-10 Impac	ctor		Operation Schedule:	hourly			
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round			
Probe Height:				19.8 meters above roof; 4.4 i	m AGL				
Distance to Sup	porting St	ructure:		N/A					
Distance from C	Obstruction	ns on Roof:		2.1 m to tower (attached to	shelter)				
Distance from C	Obstruction	ns Not on Roc	of:	7.6 meters to power pole					
Distance From	Trees:			N/A - no trees					
Distance to Fur	nace or Inc	cinerator:		N/A					
Distance Betwe	en Colloca	ited Monitors	:	N/A					
Unrestricted Air	rflow:			360					
Probe Material:	:			N/A					
Residence Time	::			N/A					
Will there be a	change in	18 months?:		No					
Suitable compa	rison agair	nst annual PM	12.5?:	No					
Frequency of flow rate verification for manual PM sampler audit:			manual	N/A					
Frequency of flow rate verification for automated PM analyzers audit:				Bi-weekly by Station Operator; EPA 6/16/2009, 3/23/2010					
Frequency of or	ne-point Q	C check (gase	ous):	N/A					
☐ Vari			☐ Varia	able: Temperature able: Barometric Pressure able: Precipitation	✓ Variable: Wind Speed ✓ Variable: Wind Direct ☐ Variable: Relative Hu	tion			

Stanley TEOM

Site Photo:



Northfacing photo:



Westfacing photo:





East-facing photo:









Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name: T-23 TEOM

Site Number:	1044	TEOM Instal	led?: Y	es				
County:	Inyo	Monitor Typ	e: T	EOM 1400ab, EQPM-1090-079	9			
FIPS Code:	06-027	Met Installe	d?: Y	es				
AIRS Number:		Site Operato	or: S	teve Mobley		UTM X:	420143	
Current:	Yes	Collecting A	gency: G	BUAPCD		UTM Y:	4035210	
Location:		Eastern Owe	ns Lake S	hallow Flood Area				
Address:		Owens Lake,	CA					
Distance to Ro	ad:	2.4 meters to	o berm					
Traffic Count:		N/A						
Groundcover:		Dirt, gravel,	water					
Representative	Area:							
Pollutant:		PM-10						
Monitor Object	tive:	Source Impa	ct, Specia	l Purpose Monitor began Apri	l 2010.			
Spatial Scale:		Neighborhoo	od Scale		Start Date:	3/8/2010		
Sampling Meth	nod:	PM-10 Impa	ctor		Operation Schedule:	hourly		
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round		
Probe Height:				4.1 meters				
Distance to Sup	porting St	ructure:		N/A				
Distance from (Obstructio	ns on Roof:		None				
Distance from (Obstructio	ns Not on Roc	of:	None				
Distance From	Trees:			None				
Distance to Fur	nace or Inc	cinerator:		None				
Distance Betwe	en Colloca	ited Monitors	:	N/A				
Unrestricted Ai	rflow:			360				
Probe Material	:			N/A				
Residence Time	e:			N/A				
Will there be a	change in	18 months?:		No				
Suitable compa	ırison agaiı	nst annual PM	12.5?:	N/A				
Frequency of flow rate verification for manual PM sampler audit:		manual						
Frequency of fl automated PM				Bi-weekly by Station Operato	r; quarterly by District Aud	ditor		
Frequency of o	ne-point O	C check (gase	ous):	N/A				
Meteo	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hu	tion		

Site Name: **T-23 TEOM**

Site Photo:



Northfacing photo:



Westfacing photo:



East-facing photo:







1041

Inyo

Site Number:

County:

Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name: T-25 TEOM - Shut down Mar 2010

TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

FIPS Code:	06-027	Met Installed	d?: N	10			
AIRS Number:		Site Operato	r: St	teve Mobley		UTM X:	420186
Current:	No	Collecting Ag	gency: G	BUAPCD		UTM Y:	4036040
Location:		East-central (Owens La	ke			
Address:		Owens Lake,	CA				
Distance to Roa	ad:	2.4 meters to	berm				
Traffic Count:		TBD					
Groundcover:		Dirt, gravel, v	vater				
Representative	Area:	Central Ower	ns Lake sp	pecial purpose monitor			
Pollutant:		PM-10					
Monitor Object	tive:	Source Impac	ct, Special	l Purpose Monitor shut down	March 2010.		
Spatial Scale:		Neighborhoo	d scale		Start Date:	4/24/2008 9:00:	00 AM
Sampling Meth	od:	PM-10 Impac	tor		Operation Schedule:	hourly	
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round	
Probe Height:				4.1 meters			
Distance to Sup	porting Sti	ructure:		0			
Distance from 0	Obstruction	ns on Roof:		0			
Distance from 0	Obstruction	ns Not on Roo	f:	26.0 meters (Met/DWP)			
Distance From	Trees:			0			
Distance to Fur	nace or Inc	cinerator:		0			
Distance Betwe	en Colloca	ted Monitors:		0			
Unrestricted Air	rflow:			360			
Probe Material	:			N/A			
Residence Time	::			N/A			
Will there be a	change in :	18 months?:		N/A			
Suitable compa	rison agair	nst annual PM	2.5?:	N/A			
Frequency of flo PM sampler au		rification for n	nanual				
Frequency of flow rate verification for automated PM analyzers audit:				Bi-weekly by Station Operato	r; quarterly by District Aud	itor	
Frequency of o	ne-point Q	C check (gase	ous):	N/A			
Metec	orological	Variables:	Uarial	ble: Temperature ble: Barometric Pressure ble: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hur	ion	



T-25 TEOM - Shut down Mar 2010

Site Photo:



Northfacing photo:



Westfacing photo:





East-facing photo:







TEOM Installed?:

Yes

Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name: **T-4 TEOM**

Site Number: 1043

County:	Inyo	Monitor Ty	oe:	TEOM 1400ab, EQPM-1090-07	79		
FIPS Code:	06-027	Met Installe	:d?:	Yes			
AIRS Number:		Site Operate	or:	Steve Mobley		UTM X:	413927
Current:	Yes	Collecting A	gency:	GBUAPCD		UTM Y:	4022240
Location:		On-lake mor	nitor, sou	thern portion Owens Lake			
Address:		Owens Lake	, CA				
Distance to Ro	ad:	4.7 meters					
Traffic Count:		TBD					
Groundcover:		Veg, sand, la	irge grav	el, water			
Representative	e Area:	Southern Ov	vens Lke				
Pollutant:		PM-10					
Monitor Objec	tive:	Source Impa	ct; specia	al purpose monitor began ope	ration April 2010.		
Spatial Scale:		Neighborho	od scale		Start Date:	2/25/2010	
Sampling Meth	nod:	PM-10 Impa	ctor		Operation Schedule:	hourly	
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round	
Probe Height:				4.7 meters			
Distance to Sup	oporting St	tructure:		0			
Distance from	Obstructio	ns on Roof:		0			
Distance from	Obstructio	ns Not on Ro	of:	0			
Distance From	Trees:			No trees			
Distance to Fur	nace or In	cinerator:		N/A			
Distance Betwe	een Colloc	ated Monitors	S:	N/A			
Unrestricted Ai	rflow:			360			
Probe Material	:			N/A			
Residence Time	e:			N/A			
Will there be a	change in	18 months?:		No			
Suitable compa	arison agai	nst annual PN	12.5?:	No			
Frequency of fl PM sampler au		erification for	manual				
Frequency of fl automated PM				Bi-weekly by Station Operate	or; quarterly by District Au	ditor	
Frequency of o	ne-point C	QC check (gase	eous):	N/A			
Meteo	orologica	l Variables:	U Vari	able: Temperature able: Barometric Pressure able: Precipitation	☐ Variable: Wind Spee☐ Variable: Wind Direc☐ Variable: Relative Hu	ction	

Site Name: **T-4 TEOM**

Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:







1040

Inyo

Site Number:

County:

Great Basin Unified Air Pollution Control District 157 Short Street Bishop, CA 93514 760.872.8211 / http://www.gbuapcd.org

Site Name: T-8 TEOM - Shut down Feb 2010

TEOM Installed?:

Monitor Type:

Yes

TEOM 1400ab, EQPM-1090-079

FIPS Code:	06-027	Met Installed	d?: N	lo			
AIRS Number:		Site Operato	r: S	teve Mobley		UTM X:	414928
Current:	No	Collecting Ag	gency: G	GBUAPCD		UTM Y:	4024930
Location:		South-centra	l Owens I	Lake			
Address:		Owens Lake,	CA				
Distance to Ro	ad:	19.2 meters (berm)				
Traffic Count:		TBD					
Groundcover:		Veg, sand, lar	rge grave	l			
Representative	e Area:	Southern Ow	ens Lake	special purpose monitor			
Pollutant:		PM-10					
Monitor Objec	tive:	Source Impac	ct, Specia	l Purpose Monitor shut down	Feb 2010.		
Spatial Scale:		Neighborhoo	d scale		Start Date:	4/24/2008	
Sampling Meth	nod:	PM-10 Impac	tor		Operation Schedule:	hourly	
Analysis Metho	od:	Gravimetry			Sampling Season:	Year-round	
Probe Height:				4.4. meters			
Distance to Sup	oporting St	ructure:		0			
Distance from	Obstructio	ns on Roof:		0			
Distance from	Obstructio	ns Not on Roo	f:	0			
Distance From	Trees:			No trees			
Distance to Fur	rnace or In	cinerator:		0			
Distance Betwe	een Colloca	ited Monitors:		0			
Unrestricted Ai	irflow:			360			
Probe Material	l:			N/A			
Residence Time	e:			N/A			
Will there be a	change in	18 months?:		N/A			
Suitable compa	arison agai	nst annual PM	2.5?:	N/A			
Frequency of fl PM sampler au		rification for n	nanual	N/A			
Frequency of flow rate verification for automated PM analyzers audit:				Bi-weekly by Station Operato	or; quarterly by District Au	ditor	
Frequency of o	ne-point C	C check (gase	ous):	N/A			
Mete	orological	Variables:	☐ Varia	ble: Temperature ble: Barometric Pressure ble: Precipitation	☐ Variable: Wind Speed☐ Variable: Wind Direct☐ Variable: Relative Hu	tion	

T-8 TEOM - Shut down Feb 2010

Site Photo:



Northfacing photo:



Westfacing photo:





East-facing photo:









Site Name: WMRS-OVL FDMS

TEOM Installed?:

Site Number: 695

County:	Inyo	Monitor Type:	PM10 TEOM 1400 ab/8500c FDMS - not a reference monitor			
FIPS Code:	06-027	Met Installed?:	Yes			
AIRS Number:	0002	Site Operator:	Valerie Thorp		UTM X:	382287
Current:	Yes	Collecting Agency:	GBUAPCD		UTM Y:	4135660
Location:						
Address:		3000 E. LINE ST., BISHOP, CA. 93514				
Distance to Road:		150 m				
Traffic Count:		TBD				
Groundcover:		Decomposed granite				
Representative Area:		Owens Valley				
Pollutant:		PM10				
Monitor Objective: Bac		Background Level				
Spatial Scale:		Regional		Start Date:	4/7/2006	
Sampling Method:		PM-10 Impactor	10 Impactor Operation Schedu		hourly	
Analysis Method:		Gravimetry		Sampling Season:	Year-round	
Probe Height:			10m (met); 5m (inlet)			
Distance to Supporting Structure:			N/A			
Distance from Obstructions on Roof:			N/A			
Distance from Obstructions Not on Roof:			3 meters to met tower			
Distance From Trees:			N/A			
Distance to Furnace or Incinerator:			N/A			
Distance Between Collocated Monitors:			N/A			
Jnrestricted Airflow:			360			
Probe Material:			N/A			
Residence Time:			N/A			
Will there be a change in 18 months?:			Yes			
Suitable comparison against annual PM2.5?:			No			
Frequency of fl PM sampler au		rification for manual				
Frequency of flow rate verification for automated PM analyzers audit:			Bi-weekly by Station Operator; Not in operation for EPA Audits; Quarterly District Audits			
requency of o	ne-point C	C check (gaseous):	N/A			
Meteo	orological	Variables: ✓ Var	riable: Temperature	✓ Variable: Wind Spee	ed	

✓ Variable: Barometric Pressure

☐ Variable: Precipitation

✓ Variable: Wind Direction

✓ Variable: Relative Humidity

Site Name:

WMRS-OVL FDMS

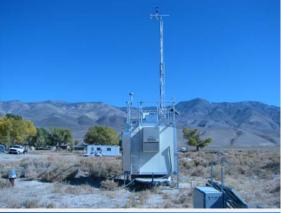
Site Photo:



Northfacing photo:



East-facing photo:



Westfacing photo:



